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U.S. PATENT DOCUMENTS

| EXAMINER INITIALS* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Figures Appear |
|--------------------|-----------------------|----------------------|------------------------|---|--|--|
| | | Number | Kind Code ² | | | |
| <i>n</i> | AA | 4,639,849 | | Noworolski et al. | 363/56 | |
| <i>n</i> | AB | 4,860,189 | | Hitchcock | 363/132 | |
| <i>n</i> | AC | 5,198,969 | | Redl et al. | 363/17 | |
| <i>n</i> | AD | 6,016,258 | | Jain et al. | 363/17 | |
| <i>n</i> | AE | 6,163,466 | | Davila, Jr. et al. | 363/17 | |
| | AF | | | | | |
| | AG | | | | | |
| | AH | | | | | |

FOREIGN PATENT DOCUMENTS

| | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--|-----------------------|--------------------------|---------------------|-------------------|---|--|---|----------------|
| | | Kind Office ³ | Number ⁴ | Code ⁵ | | | | |
| | BA | | | | | | | |
| | BB | | | | | | | |
| | BC | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| | | | | | | | | |
|----------|----|--|---|--|--|--|--|--|
| <i>n</i> | CA | | JOVANOVIC, Milan M., et al.; "Zero-Voltage-Switching Technique in High-Frequency Off-Line Converters"; <i>IEEE</i> ; 1988; pages 23-32; CH2504-9/88/0000-0023; Blacksburg, Virginia. | | | | | |
| <i>n</i> | CB | | HAYES, J.G., MOHAN, N., and HENZE, C.P.; "Zero-Voltage Switching in a Constant Frequency Digitally Controlled Resonant DC-DC Power Converter"; University of Minnesota, Dept. of Elect. Eng. and Unisys Corporation; 1988; pages 360-367; CH2504. | | | | | |
| <i>n</i> | CC | | ANDREYCAK, Bill; Abstract of "Phase Shifted, Zero Voltage Transition Design Considerations and the UC3875 PWM Controller"; Unitrode Corporation; May 1997; pages 1-14; SLUA107 (U-136A); Merrimack, New Hampshire. | | | | | |
| | CD | | | | | | | |

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DATE CONSIDERED:

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